



#

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Applicant: SHIMURA, Tokihiro

Application No.: 10/690,073

Date Filed: October 21, 2003

Title: ABRASIVE, ABRASIVE  
MANUFACTURING METHOD  
AND DEVICE

Docket No.: 4230-101

Conf. No.: Unknown

Customer No.:

23448

EXPRESS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Mail Stop Application Number, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, and Express Mailed under the provisions of 37 CFR 1.10.

  
L. Stephen Lockett

December 29, 2003

Date

EL 996187896 US

Express Mail Label Number

SUBMISSION OF DECLARATION AND POWER OF ATTORNEY DOCUMENT  
IN U.S. PATENT APPLICATION NO. 10/690,073

Mail Stop Application Number  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed and submitted herewith is a Declaration and Power of Attorney for the above-identified U.S. patent application, along with a Credit Card Payment Form authorizing the amount of \$130.00 to be charged for payment of the surcharge fee.

The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account 08-3284 of Intellectual Property Technology Law.

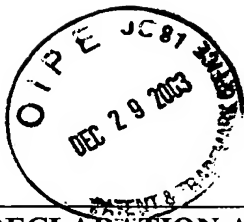
Respectfully submitted,



---

Steven J. Nultquist  
Attorney for the Applicant  
Registration No. 28,021

**INTELLECTUAL PROPERTY/  
TECHNOLOGY LAW**  
Telephone: (919) 419-9350  
Facsimile: (919) 419-9354  
IPTL File: 4230-101



Docket No.: 4230-101

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below-named inventor, Tokihiro Shimura, I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "ABRASIVE, AND ABRASIVE MANUFACTURING METHOD AND DEVICE", the specification of which

(check one) ☐ is attached hereto.  
☒ was filed on October 21, 2003 as Application No. 10/690,073  
☐ and was amended (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination and patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

2002-313341  
(Number)

Japan  
(Country)

10/28/2002  
(Day/Month/Year Filed)

☒ yes ☐ no

I hereby claim the benefit under Title 35, United States Code, §119(e) and/or §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this specification is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number)	(Filing Date)	(Status-Patented, Pending, abandoned)
----------------------	---------------	---------------------------------------

(Application Number)	(Filing Date)	(Status-Patented, Pending, abandoned)
----------------------	---------------	---------------------------------------

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

STEVEN J. HULTQUIST, REG. NO. 28,021  
MARIANNE FUIERER, REG. NO. 39,983  
TRISTAN FUIERER, REG. NO. 52,926

All correspondence in connection with this application should be sent to:

Steven J. Hultquist  
Intellectual Property/Technology Law  
P. O. Box 14329  
Research Triangle Park, NC 27709  
Telephone: (919) 419-9350

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole Inventor: Tokihiro Shimura

Inventor's Signature TOKIHIRO Shimura Date Dec. 11. 2003

Residence Address: Aomori-ken, Japan

Citizenship: Japan

Mailing Address: c/o ATMIX Corporation, 4-44, Kaigan, Kwaragi-aza, O-aza, Hachinohe-shi,

Aomori-ken, 039-1161, Japan

(if different from  
Residence Address)